

ABSTRACT

The invention discloses a method and a tool for exact metering and volumetric filling of finely divided dry powder medicament doses into preformed containers, whereby the doses and containers are adapted for administration by inhalation using a dry powder inhaler (DPI). A filling tool illustrating the invention includes at least one receptacle (10). The shape and size of a receptacle may vary depending on the size and mass of the powder load to be metered. A stretched woven filter (106) is positioned between the second opening of the receptacle (10) and a suction nozzle (13), using flexible seals at joints to stop air and powder leakage. The shape may be circular or elliptical, the wideness and depth, i.e. the volume, is adapted to the intended load and the method of filling and unloading.

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(Fig. 5)